

FIBER CEMENT COMPOSITE MATERIALS USING BLEACHED CELLULOSE FIBERS

Abstract of the Disclosure

A fiber cement composite material that incorporates a blend of bleached and unbleached cellulose fibers as a partial or complete substitute for premium grade cellulose pulp is provided. Bleached standard grade cellulose fibers are used in conjunction with unbleached, standard grade cellulose fibers to provide a fiber cement composite product having substantially equal or even superior flexibility and strength as an equivalent fiber cement composite material reinforced by premium grade, unbleached cellulose fibers. A synergistic combination of bleached and unbleached standard grade cellulose fibers to produce a composite material with the desired properties previously achievable only through the use of premium grade cellulose pulp.

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